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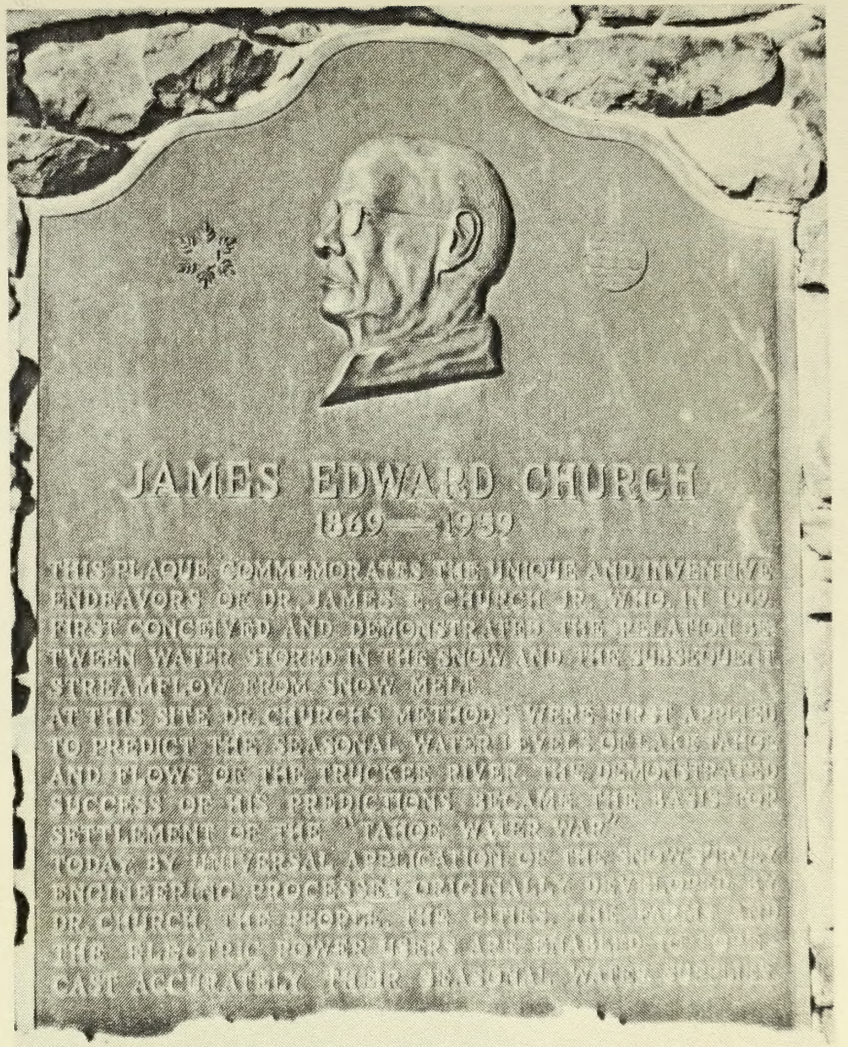
United States
Department of
Agriculture

**Soil
Conservation
Service**

Portland,
Oregon

OREGON
ANNUAL DATA SUMMARY

Water Year 1989


JAMES EDWARD CHURCH
1869 — 1959
THIS PLAQUE COMMEMORATES THE UNIQUE AND INVENTIVE
ENDEAVORS OF DR. JAMES E. CHURCH IN TAHOE BY
FIRST CONCEIVED AND DEMONSTRATED THE RELATIONSHIP
TWEEN WATER STORED IN THE SNOW AND THE SUBSEQUENT
STREAMFLOW FROM SNOW MELT
AT THIS SITE DR CHURCH'S METHODS WERE FIRST APPLIED
TO PREDICT THE SEASONAL WATER SUPPLY OF LAKE TAHOE
AND FLOWS OF THE TRUCKEE RIVER. HIS DEMONSTRATED
SUCCESS OF HIS PREDICTIONS BECAME THE BASIS FOR
SETTLEMENT OF THE "TAHOE WATER WAR"
TODAY, BY UNIVERSAL APPLICATION OF HIS SNOW SURVEY
ENGINEERING PROCESSES, CALIFORNIA DEVELOPED BY
DR. CHURCH, THE PEOPLE OF THE WEST AND
THE ELECTRIC POWER THEY ARE ENABLED TO
CAST ACCURATELY FOR DEMOCRATIC WAYS

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Foreword

An Annual Summary

This report summarizes the snow water equivalent and precipitation data collected during this water year. This information was utilized in preparing the Soil Conservation Service Water Supply Outlook Reports, January 1st through June 1st.

These data were obtained using a combination of manual and automated measurement methods and are presented as a historical summary.

For More Information

Copies of this Annual Data Summary and Monthly Water Supply Outlook Reports may be obtained from the the states listed below. Historical snow survey data may be obtained at those same offices. Computer access to water supply information may be gained through the Centralized Forecast System(CFS)at Portland, Oregon. For More information contact the state offices listed below.

STATE	ADDRESS
Alaska	201 East 9th Ave., Suite 300, Anchorage, AK 99501-3687
Arizona	201 East Indianola, Suite 200, Phoenix, AZ 85012
Colorado	655 Parfet Street, Room E200C, Lakewood, CO 80215-5517
New Mexico	517 Gold Ave. S.W., Room 3301, Albuquerque, NM 87102-3157
Idaho	3244 Elder Street, Room 124, Boise, Idaho 83705-4711
Montana	10 East Babcock, Room 443, Federal Building, Bozeman, MT 59715
Nevada	1201 Terminal Way, Room 219, Reno, NV 89502
Oregon	1220 S.W. Third Ave., Room 1640, Portland, OR 97204
Utah	4402 Federal Building, 125 South State Street, Salt Lake City, UT 84147
Washington	W. 920 Riverside, Room 360, Spokane, WA 99201-1080
Wyoming	Federal Building, 100 East "B" Street, Casper, WY 82601

Other Sources

Annual and historical information is prepared by other agencies including: NOAA - State Climatological Annual Summaries, N.C.D.C., Asheville, NC 28801; California - Snow Survey Branch, California Department of Water Resources, P.O. Box 388, Sacramento, CA 95802; British Columbia - The Ministry of Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia, V8V 1X5; Yukon Territory-Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory,Y1A 3V1;Alberta Environment Technical Services Division,9820 106th St.,Edmonton,AlbertaT5K 2J6.

Oregon

Cooperative Snow Survey Data

of

Federal – State – Private Cooperative Snow Surveys

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Programs and assistance of the United States Department of Agriculture are available without regard to race, creed, color, sex, age, or national origin.

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Snow Course Data - WY 1989 (Depth & SWE in inches)

SNOW COURSE NAME		ELEV (ft)	January			February			March			April			May			June		
			Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE
ALDER CREEK		5460				1/23	44	9.6	2/25	43	10.0	3/26	35	11.0						
ALTHOUSE #2		4530				1/27	24	9.0	2/27	19	7.9	3/28	13	5.7						
ALTHOUSE #3		5000				1/27	46	15.0	2/27	46	16.8	3/28	46	18.9						
ANEROID LAKE #2		7300				1/24	68	21.0	3/1	66	21.5	4/5	86	33.1	5/1	62	27.5			
ANNIE SRING REV		6120	12/27	81	23.0	1/31	90	32.0	2/27	102	35.5	3/28	115	48.5	4/27	111	48.3	6/1	57	30.3
ANTHONY LAKE		7130	12/29	49	12.7	1/27	72	24.9	2/24	78	28.7	3/31	85	30.6						
ARBUCKLE MTN.		5400	12/28	25	6.7	1/25	43	13.3	2/28	42	15.1	3/31	32	14.1						
BALD MTN,OR	AM	6720				1/27	81	25.1	3/1	81	27.5	4/5	91	34.6	5/1	48	22.0			
BALD PETER		5400	12/28	57	15.4	1/30	78	26.2	3/1	85	31.7	3/27	93	36.8	4/26	83	36.8			
BARLEY CAMP	AM	6900				1/25	48	13.0	2/28	43	13.3	3/28	48	18.2						
BEAR FLAT MEADOW	AM	5900				1/25	44	13.2	2/28	44	15.4	3/28	47	18.3						
BEAVER CREEK #1		4250	12/29	28	6.8	1/31	43	15.6	2/28	48	16.4	3/28	52	19.8	4/27	21	10.4			
BEAVER CREEK #2		4250	12/29	20	5.0	1/31	27	10.2	2/28	33	12.6	3/28	32	12.4	4/27	3	1.6			
BEAVER DAM CREEK		5100	12/29	36	8.9	1/31	45	16.9	2/27	43	17.6	3/27	32	14.6	4/29	0	.0			
BEAVER RES.(REV)		5150	12/28	24	3.2	1/26	46	12.5	2/27	47	14.2	4/5	45	15.6	EST	-	.0			
BIG RED MTN		6250	12/27	60	14.2	1/30	65	22.8	2/24	64	24.9	3/29	76	33.6						
BIG SHEEP	AM	6200				1/27	57	17.1	3/1	61	21.4	4/5	69	27.6	5/1	31	14.9			
BLUE MTN SPRINGS		5900	12/28	40	8.5	1/31	44	14.0	3/1	50	13.7	3/30	51	18.6						
BOULDER CREEK	AM	5690				1/27	15	3.6	EST	-	.0	4/5	0	.0						
BOURNE		5800				1/26	55	15.4	2/27	56	17.3	3/30	47	18.2						
BROOKS MEADOW		4300							2/28	34	12.5	3/30	34	13.0						
BUCK PASTURE	AM	5300				1/27	8	2.8	EST	-	4.1	4/5	0	.0						
BUCKSKIN LAKE	AM	5200				1/27	7	1.8	EST	-	.7	4/5	0	.0						
BULLY CREEK	AM	5300				1/27	29	9.3	EST	-	2.4	4/5	0	.0						
BUTTE CREEK SUM		3930				1/30	19	4.3				EST	-	.6						

Snow Course Data - WY 1989 (Depth & SWE in Inches)

SNOW COURSE NAME		ELEV (ft)	January			February			March			April			May			June		
			Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE
CALIBAN ALT		6500				1/25	71	23.9	2/27	66	24.8	3/28	76	30.4	4/27	70	27.5			
CALL MEADOWS	AM	5340				1/27	21	6.3	EST	-	4.4	4/5	2	.7						
CAMAS CREEK #2		5850	12/30	34	8.2	1/30	41	11.4	2/24	41	13.0	3/29	36	13.2	4/28	3	1.0			
CASCADE SUMMIT		4880	12/28	58	13.8	1/30	79	26.7	2/28	81	31.1	3/28	89	37.5						
CHEMULT ALT		4760	1/3	35	8.9	2/2	40	9.9	2/28	36	12.9	EST		10.3	4/26	13	2.2			
CHILOQUIN		4190	1/5	10	1.6	1/30	9	2.8	3/2	4	1.0	4/1	0	.0						
CLACKAMAS LAKE REV		3400	EST		3.9	EST		7.1	3/2	32	7.6	3/30	22	8.0						
CLEAR LAKE		3500	12/28	11	2.5	1/31	15	6.3	3/1	21	7.4	3/31	19	8.4						
COLD SPRINGS CAMP		6100	EST		24.3	1/27	98	35.2	2/27	103	40.9	3/29	109	48.2	4/27	96	45.2			
COLVIN CREEK	AM	6550				1/25	21	6.3	2/28	0	.0	3/28	0	.0						
COUNTY LINE REV		4800	EST		0.3	1/25	28	7.2	EST		12.7	3/31	8	3.3						
COX FLAT	AM	5750				1/25	39	10.9	2/28	33	11.5	3/28	12	4.6						
CRAZYMAN FLAT	AM	6100				1/25	39	10.9	2/28	33	10.2	3/28	32	12.2	4/27	4	1.4			
CRYSTAL		4200	1/5	24	6.4	1/30	24	7.1	3/2	35	10.9	4/4	0	.0						
DEADHORSE GRADE		3700	1/6	40	8.8	1/31	41	13.2	2/27	43	15.6	3/29	48	17.0						
DEADWOOD JUNCTION		4600	12/29	26	6.9	1/31	40	13.4	2/27	36	13.7	3/27	14	5.2	4/29	0	.0			
DERR		5670				1/25	33	7.1	2/23	35	11.3	3/30	32	11.7						
DIAMOND LAKE		5320	12/29	43	11.6	1/31	51	16.9	2/27	54	20.0	3/30	55	22.1	EST		5.8			
DOG HOLLOW	AM	4900				1/25	13	3.6	2/28	7	3.1	3/28	0	.0						
DOOLEY MOUNTAIN		5430	1/5	25	5.8	1/23	34	8.0	2/25	40	10.6	3/26	26	8.4	EST	-	.0			
EILERTSON MEADOWS		5400	12/27	27	5.9	1/26	40	10.9	2/27	44	12.7	3/30	36	12.3	EST		.0			
ELDORADO PASS		4600	12/27	20	3.4	2/27	26	8.0	3/30	0	.0	3/30	0	.0	4/27	0	.0			
EMIGRANT SPRINGS REV		3930	12/28	25	6.2	1/25	46	15.5	2/28	45	17.3	3/31	27	11.9						
FINLEY CORRALS	AM	6000				1/25	48	14.4	2/28	57	20.0	3/28	66	25.1	4/27	24	10.1			

Snow Course Data - WY 1989 (Depth & SWE in inches)

SNOW COURSE NAME	ELEV (ft)	January			February			March			April			May			June		
		Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE
FISH CREEK REV	7900				1/30	72	26.1	2/28	77	27.5	3/30	94	36.9						
FISH LAKE	4670	12/28	35	8.6	1/31	50	14.6	2/27	47	18.3	3/28	42	18.0	4/28	23	9.1			
FLAG PRAIRIE AM	4750				1/27	27	6.8				4/5	0	.0						
FT. KLAMATH	4150	1/5	16	4.2	1/30	18	5.4	3/2	24	8.4	4/4	0	.0						
GERBER	4850	12/30	11	1.7	2/1	16	4.0	3/1	8	3.6	4/3	0	.0						
GOLD CENTER REV	5340	12/27	28	6.7	1/26	41	11.2	2/27	42	12.5	3/30	32	11.7						
GOODRICH LAKE	6780	Est	-	20.8	1/23	77	25.3	2/25	84	28.8	4/6	96	40.6	Est	-	36.0			
GOVERNMENT CORRALS	7450				2/6	44	12.5	2/27	47	16.4	3/29	49	17.2						
GRAYBACK PEAK	6000	12/27	54	12.8	1/30	62	22.2	2/24	64	23.8	3/29	68	30.4						
HARRIMAN LODGE	4200	1/5	15	2.4	1/30	19	6.1	3/2	15	5.2	4/4	0	.0						
HART MOUNTAIN AM	6350				1/25	13	3.4	2/28	0	.0	3/28	0	.0						
HIGH PRAIRIE	6100	12/28	72	23.3	1/25	102	39.3	2/23	122	47.9	3/29	141	57.3						
HOWARD PRAIRIE	4500	12/29	22	4.4	1/31	27	8.3	2/27	25	9.2	3/27	16	6.4	4/29	0	.0			
HUNGRY FLAT	4400	12/27	14	1.5	1/30	15	4.6	2/27	11	3.3	3/27	0	.0	3/27	0	.0			
HYATT PRAIRIE RES	4900	12/29	23	5.6	1/31	31	10.6	2/27	24	9.6	3/27	11	5.0	4/29	0	.0			
IDLEWILD ALT.(DISC.)	5200	Est	-	3.2	Est	-	6.3	Est	-	7.7	Est	-	.0						
IZEE SUMMIT (DISC.)	5290	Est	-	4.7	Est	-	8.3	Est	-	9.9	Est	-	9.8						
KING MNT #1	4500	1/3	22	6.2	1/25	31	10.9	2/23	34	13.2	3/29	21	9.5	4/26	12	2.0			
KING MTN #2	4000	1/3	25	6.7	1/26	32	10.3	2/23	29	10.7	3/29	13	5.0	4/26	8	1.4			
KING MTN #3	3650	1/3	15	3.1	1/26	11	3.7	2/23	4	2.1	3/29	0	.0	4/26	3	.8			
KING MTN #4	3050	1/3	6	1.7	1/26	2	.8	2/23	0	.0	3/29	0	.0	4/26	0	.0			
KING MTN #5	2380	1/3	1	.3	1/26	0	.0	2/23	0	.0	3/29	0	.0	4/26	0	.0			
KING MTN #6	1820	1/3	0	.0	1/26	0	.0	2/23	0	.0	3/29	0	.0	4/26	0	.0			
LAKE CREEK R.S. REV	5200	12/28	21	4.5	1/30	30	9.5	2/28	38	11.1	3/29	27	9.3						
LIONSHEAD AM	5400	1/4	36	9.0	1/26	54	17.3	Est		19.7	3/30	53	20.7	4/27	21	9.2			

Snow Course Data - WY 1989 (Depth & SWE in inches)

SNOW COURSE NAME		ELEV (ft)	January			February			March			April			May			June		
			Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE
LITTLE ALPS		6200	12/29	30	7.4	1/27	45	12.5	2/24	50	15.4	3/31	56	17.2						
LITTLE ANTONE (ALT)		5000	12/29	26	5.8	1/27	37	10.9	2/24	42	13.0	3/31	33	12.8						
LOOKOUT BUTTE	AM	5650				1/27	2	.6				4/5	0	.0						
LOUSE CANYON	AM	6440				1/27	33	11.6				4/5	13	5.2						
LUCKY STRIKE		5050	Est	-	7.2	1/25	45	12.8	Est	-	12.7	3/31	39	15.1						
MARION FORKS REV		2600	12/27	28	5.6	1/26	38	11.2	2/24	38	12.6	3/27	34	12.9						
MARKS CREEK		4540	12/29	13	2.4	1/26	19	4.2	2/24	17	5.6	3/31	2	.7	4/27	3	.7			
MARY'S PEAK REV		3620				1/27	36	13.2	2/27	38	16.0	3/27	32	14.4						
MCKENZIE		4800	1/3	72	21.5	1/27	110	36.7	2/27	116	44.7	4/7	126	54.0						
MEACHAM		4300	12/28	25	6.0	1/25	53	16.6	2/22	54	18.0	3/29	38	15.2	4/26	3	.8	5/25	0	.0
MILL CREEK MDW		6200	12/29	24	6.2	1/25	40	10.9	2/24	41	12.8	3/31	33	12.1						
MIRROR LAKE	AM	8200				1/24	156	60.8	3/1	154	57.0	4/5	203	81.2	5/1	169	76.1			
MOSS SPRINGS		5850				1/27	73	23.2	3/1	74	26.0	4/5	82	31.5	5/1	41	19.7			
MT ASHLAND SWBK.		6400				1/25	71	23.2	2/27	70	25.9	3/28	86	34.6	4/27	74	29.8			
MT HOOD		5400	12/29	94	33.0	1/31	141	57.5	3/1	158	65.3	4/3	201	81.4	5/2	141	70.5			
MULE CREEK		3680	12/28	33	6.4	1/25	35	12.6	2/24	31	12.1	3/28	9	3.7	4/27	0	.0			
NEW CRESCENT LAKE		5400	12/28	32	6.4	1/31	41	13.7	2/28	46	15.4	3/28	40	15.7						
NEW DUTCHMAN #2		6400	12/27	77	23.4	1/30	102	39.1	2/27	111	47.6	3/27	130	49.2	4/27	112	49.8			
NORTH UMPQUA		4220	12/30	34	7.5	1/31	43	14.4	2/24	43	14.7	3/29	34	13.6	5/3	0	.0			
OCHOCO MEADOWS		5200				1/25	35	8.0	2/23	38	11.7	3/30	35	13.0						
OREGON CANYON	AM	6950				1/27	27	9.2				4/5	35	14.0						
PAGE MTN		4050				1/27	7	2.6	2/27	2	.8	3/28	0	.0						
PARK H.Q. REV		6550	12/27	101	31.0	1/31	114	43.6	2/27	128	54.0	3/28	158	65.2	4/27	150	67.4	6/1	97	54.0
PATTON MEADOWS	AM	6800				1/25	48	13.4	2/28	51	16.8	3/28	60	22.2	4/27	36	15.1			
PUEBLO SUMMIT	AM	6800										4/5	0	.0						

Snow Course Data - WY 1989 (Depth & SWE in inches)

SNOW COURSE NAME	ELEV (ft)	January			February			March			April			May			June		
		Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE
QUARTZ MOUNTAIN	5320	12/27	27	5.8	1/31	29	8.2	2/27	26	9.2	3/28	9	3.5						
RACING CREEK	4800	12/28	28	6.0	1/30	40	12.4	3/3	44	15.2	3/27	46	17.0	4/26	20	9.0			
RAILROAD OVERPASS	2750	12/30	12	3.1	2/1	30	6.3	2/28	5	2.1	3/28	0	.0						
RED BUTTE #1	4560				1/31	51	18.7	2/27	55	22.1	3/29	49	23.0	4/28	19	6.5			
RED BUTTE #2	4000				1/31	35	12.9	2/27	40	15.8	3/29	34	15.6	4/28	3	1.0			
RED BUTTE #3	3500	12/29	26	5.2	1/31	28	10.0	2/27	24	9.2	3/29	7	3.2	4/28	0	.0			
RED BUTTE #4	3000	12/29	22	3.8	1/27	18	6.2	2/27	0	.0	3/29	0	.0	4/28	0	.0			
RED BUTTE #5	2500	12/29	4	.9	1/27	0	.0	2/27	0	.0	3/29	0	.0	4/28	0	.0			
RED BUTTE #6	2000				1/31	0	.0	2/27	0	.0	3/29	0	.0	4/28	0	.0			
RED HILL	4100				1/28	87	33.3	2/25	102	41.6	3/29	127	53.0						
ROCK SPRINGS REV	5100	12/27	18	3.4	1/30	23	6.3	2/28	28	7.2	3/29	14	4.8						
ROGGER MEADOWS AM	6500				1/25	48	13.4	2/28	37	13.3	3/28	39	14.8						
SALT CREEK FALLS	4000	Est	36	7.1															
SCHNEIDER MEADOWS	5400				1/27	83	26.9				4/5	84	35.3	5/1	43	22.0			
SEVENMILE MARSH	5730				2/1	89	29.1				3/30	94	43.1						
SHERMAN VALLEY	6600				1/25	46	12.4	2/28	37	13.3	3/28	42	16.0						
SILVER BURN	3720	12/29	46	10.5	1/26	52	17.5	2/22	50	19.1	3/27	42	17.3	4/26	7	1.6			
SILVIES	6900				1/30	44	15.9	2/28	47	17.8	3/30	43	18.9						
SISKIYOU SUMMIT REV	4630	12/29	23	4.8	1/25	32	9.6	2/28	21	9.5	3/28	5	2.6						
SKI BOWL ROAD	6000				1/25	61	19.5	2/28	62	23.2	3/28	67	27.9	4/27	50	20.3			
SOUTH FORK CANAL	3500	12/29	20	3.4	1/29	24	8.2	2/23	20	7.4	3/27	0	.0	4/26	0	.0			
STANDLEY AM	7400				1/24	83	27.4	3/1	81	26.7	4/5	100	39.0	5/1	68	31.3			
STARR RIDGE REV	5150	12/28	20	4.1	1/31	25	7.2	2/28	28	8.6	3/29	22	7.5						
STINKING WATER	4800	12/29	13	1.9	2/27	16	5.0	3/31	00	.0	3/31	0	.0	4/28	0	.0			
STRAWBERRY	5760				1/31	27	7.8	2/27	27	8.8	3/27	24	9.4						

Snow Course Data - WY 1989 (Depth & SWE in inches)

SNOW COURSE NAME		ELEV (ft)	January			February			March			April			May			June		
			Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE	Date	Depth	SWE
												4/4	60	22.3						
SUMMER RIM	AM	7100																		
SUMMER RIM		7100							3/7	48	16.9									
SYCAN FLAT	AM	5500				1/25	41	11.5	2/28	21	7.1	3/28	18	6.8						
TANGENT		5400	12/27	44	10.2	1/30	55	18.7	2/27	60	21.0	3/27	60	22.8	4/27	23	9.8			
TAYLOR BUTTE		5100				2/2	28	7.5				3/29	10	3.5						
THREE CREEK BUTTE		5200	12/27	24	5.2	1/30	32	10.4	2/27	32	11.3	3/27	24	9.1	5/3	0	.0			
THREE CREEK MEADOWS		5650	12/27	33	7.2	1/30	44	15.0	2/27	46	16.0	3/27	42	16.9						
TIMOTHY LAKE		3300	12/29	18	3.9	1/24	26	9.2	3/1	32	10.2	3/31	34	12.5						
TIPTON		5100	12/27	27	5.1	1/26	39	9.9	2/27	42	12.7	3/30	29	10.8						
TOLLGATE		5070	12/28	52	14.4	1/25	101	30.2	2/22	101	36.2	3/29	92	36.2	4/26	59	28.2	5/25	1	.4
TRAP CREEK		3800	12/30	37	8.0	1/31	44	15.3	2/24	45	16.5	3/29	40	13.5	5/3	9	4.2			
TROUT CREEK	AM	7800				1/27	40	13.6				4/5	43	16.8						
TV RIDGE #2	AM	7000				1/24	49	14.7	3/1	43	14.2	4/5	58	22.6	5/1	26	11.9			
V LAKE	AM	6600										4/5	25	10.3						
WEST EAGLE MEADOWS		5500				1/27	96	29.8	3/1	94	32.9	4/5	90	35.1	5/1	49	24.0			
WHITEWATER MEADOW	AM	4160	1/4	12	2.4	1/26	15	4.5	Est		3.0	3/30	1	.4	4/28	0	.0			

SNOTEL SWE's - WY 1989 (inches)

SNOTEL SITENAME	ELEV (ft)	DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	START DATE	MAX SWE	MAX DATE
ANEROID LAKE #2	7300	1st	.0	.0	5.5	9.0	18.1	19.8	25.3	25.6	16.0	.0	.0	.0	11/3	26.7	4/6
		15th	.0	2.6	5.8	16.3	18.3	23.0	23.6	20.8	8.9	.0	.0	.0			
ARBUCKLE MTN	5400	1st	.0	.0	6.3	11.9	18.1	23.0	28.8	19.0	.0	.0	.0	.0	11/8	29.8	4/6
		15th	.0	1.3	7.4	16.8	18.6	26.0	24.8	1.3	.0	.0	.0	.0			
BEAVER RESERVOIR	5150	1st	.0	.1	2.7	4.7	11.1	13.3	15.6	.0	.0	.0	.0	.0	11/8	16.1	4/5
		15th	.0	.8	2.5	9.8	11.0	13.7	9.5	.0	.0	.0	.0	.0			
BIG RED MOUNTAIN	6250	1st	.0	.0	9.9	15.7	21.6	24.1	32.0	22.6	.0	.0	.0	.0	11/2	32.6	4/4
		15th	.0	2.7	9.2	20.5	21.8	28.1	26.6	10.5	.0	.0	.0	.0			
BIGELOW CAMP	5120	1st	.0	.0	5.0	7.2	15.3	17.1	16.6	1.7	.0	.0	.0	.0	11/12	19.6	3/21
		15th	.0	1.7	1.7	14.5	15.3	17.8	1.9	.0	.0	.0	.0	.0			
BILLIE CREEK DIVIDE	5300	1st	.0	.0	12.6	17.3	28.2	32.8	31.3	16.0	.0	.0	.0	.0	11/6	36.8	3/21
		15th	.0	2.3	11.1	25.8	30.3	35.3	21.6	.0	.0	.0	.0	.0			
BLAZED ALDER	3650	1st	.0	.0	10.4	17.6	35.4	41.1	49.7	24.6	.0	.0	.0	.0	11/8	52.2	4/6
		15th	.0	1.6	7.3	31.9	36.6	44.4	41.5	7.4	.0	.0	.0	.0			
BLUE MOUNTAIN SPRING	5900	1st	.0	.0	7.2	11.9	18.2	21.4	25.2	11.1	.0	.0	.0	.0	11/10	26.1	4/4
		15th	.0	2.0	7.4	16.5	17.7	23.3	18.6	.0	.0	.0	.0	.0			
BOURNE	5800	1st	.0	.0	6.1	10.4	17.3	20.6	22.6	12.7	.0	.0	.0	.0	11/9	23.8	4/6
		15th	.0	2.1	6.8	15.9	16.6	20.8	19.1	.0	.0	.0	.0	.0			
BOWMAN SPRINGS	4580	1st	.0	.0	3.9	7.1	14.4	17.1	16.8	.0	.0	.0	.0	.0	11/13	18.3	3/21
		15th	.0	.9	3.6	12.4	15.3	17.5	9.4	.0	.0	.0	.0	.0			
CASCADE SUMMIT	4880	1st	.0	.0	10.5	18.6	32.3	39.1	47.0	35.8	8.2	.0	.0	.0	11/6	49.0	4/6
		15th	.0	2.4	11.0	29.1	34.8	43.7	43.2	20.8	.0	.0	.0	.0			
CHEMULT ALTERNATE	4760	1st	.0	.0	5.1	6.7	9.6	10.3	8.8	.0	.0	.0	.0	.0	11/13	12.1	3/9
		15th	.0	.6	4.3	8.9	10.0	11.6	1.1	.0	.0	.0	.0	.0			
CLACKAMAS LAKE	3400	1st	.0	.0	3.3	6.1	13.1	15.8	16.1	.0	.0	.0	.0	.0	11/17	17.5	3/21
		15th	.0	.2	2.4	11.7	12.4	16.3	7.3	.0	.0	.0	.0	.0			
CLEAR LAKE	3500	1st	.0	.0	5.1	7.3	13.6	17.0	18.3	1.5	.0	.0	.0	.0	11/6	19.3	4/5
		15th	.0	1.1	3.6	13.0	14.8	17.1	12.0	.0	.0	.0	.0	.0			
COLD SPRINGS CAMP	6100	1st	.0	.0	16.6	26.5	37.1	43.0	49.2	35.1	4.4	.0	.0	.0	11/1	52.0	4/6
		15th	.0	3.5	16.8	34.4	38.9	44.3	42.5	21.0	.0	.0	.0	.0			
COUNTY LINE	4800	1st	.0	.1	.7	1.1	9.4	12.3	4.1	.0	.0	.4	.0	.0	11/17	13.1	3/6
		15th	.0	.0	.3	8.1	9.1	7.1	.0	.0	.0	.0	.0	.0			

SNOTEL SWE's - WY 1989 (inches)

SNOTEL SITENAME	ELEV (ft)	DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	START DATE	MAX SWE	MAX DATE
DALY LAKE	3600	1st	.0	.0	6.5	13.3	24.6	29.0	30.9	.3	.0	.0	.0	.0	11/12	32.2	4/5
		15th	.0	.6	3.9	21.1	27.1	27.9	19.3	.0	.0	.0	.0	.0			
DERR.	5670	1st	.0	.0	4.5	7.2	11.9	14.9	18.3	4.9	.0	.0	.0	.0	11/10	18.6	4/4
		15th	.0	1.1	4.3	10.4	10.8	16.1	11.0	.0	.0	.0	.0	.0			
DIAMOND LAKE	5315	1st	.0	.0	7.6	12.7	19.3	20.6	20.1	5.3	.0	.0	.0	.0	11/7	22.8	2/23
		15th	.0	1.1	6.8	17.8	20.5	19.3	11.0	.0	.0	.0	.0	.0			
EILERTSON MEADOWS	5400	1st	.0	.0	4.5	7.1	11.4	12.4	13.7	.0	.0	.0	.0	.0	11/7	14.5	4/5
		15th	.0	1.5	4.7	10.6	11.3	11.9	7.5	.0	.0	.0	.0	.0			
EMIGRANT SPRINGS	3925	1st	.0	.0	4.7	7.6	14.8	18.5	12.9	.0	.0	.0	.0	.0	11/13	19.0	3/7
		15th	.0	1.1	3.1	13.7	15.6	16.1	.8	.0	.0	.0	.0	.0			
FISH CREEK	7900	1st	.0	.0	12.0	18.1	25.6	30.7	41.5	39.0	17.1	.0	.0	.0	11/6	43.1	4/6
		15th	.0	3.0	12.0	23.3	26.8	35.3	41.1	29.3	.0	.0	.0	.0			
FISH LK.	4665	1st	.0	.0	5.2	9.2	15.7	16.8	14.7	.0	.0	.0	.0	.0	11/9	18.3	3/6
		15th	.0	.7	4.9	14.5	16.3	16.6	3.5	.0	.0	.0	.0	.0			
FOURMILE LAKE	6000	1st	.0	.0	13.0	22.1	31.1	36.4	43.7	36.0	10.8	.0	.0	.0	11/6	45.9	4/6
		15th	.0	2.8	13.3	30.4	33.1	39.9	39.9	23.6	.0	.0	.0	.0			
GOLD CENTER	5340	1st	.0	.0	4.8	8.1	12.4	13.3	12.0	.0	.0	.0	.0	.0	11/9	15.1	3/7
		15th	.0	1.3	5.0	11.6	11.5	12.6	1.3	.0	.0	.0	.0	.0			
GREENPOINT	3200	1st	.0	.0	6.2	9.4	15.7	22.3	25.8	1.3	.0	.0	.0	.0	11/7	27.4	4/5
		15th	.0	2.7	3.5	14.6	16.0	24.6	18.3	.0	.0	.0	.0	.0			
HIGH RIDGE	4980	1st	.0	.0	7.3	14.1	26.5	31.2	33.5	18.1	.0	.0	.0	.0	11/6	34.8	4/7
		15th	.0	1.9	8.6	23.5	27.2	31.9	30.6	2.7	.0	.0	.0	.0			
HOGG PASS	4760	1st	.0	.0	14.2	22.1	37.4	42.8	54.2	45.3	23.6	.0	.0	.0	11/6	56.0	4/7
		15th	.0	3.3	13.7	33.4	38.6	49.5	51.7	34.7	.0	.0	.0	.0			
HOLLAND MEADOWS	4900	1st	.0	.0	11.3	18.8	35.2	41.8	46.1	29.7	.0	.0	.0	.0	11/5	47.0	4/6
		15th	.0	2.0	8.7	31.2	38.0	43.0	41.0	10.9	.0	.0	.0	.0			
HYATT PRAIRIE	4900	1st	.0	.0	3.1	6.4	11.9	13.2	9.1	.0	.0	.0	.0	.0	11/13	14.4	3/9
		15th	.0	.1	1.3	11.0	12.6	12.2	.0	.0	.0	.0	.0	.0			
IRISH TAYLOR	5500	1st	.0	.0	9.9	15.3	29.0	34.2	47.7	47.1	.0	.0	.0	.0	11/7	49.9	4/10
		15th	.0	2.9	9.7	24.3	31.4	41.2	49.4	43.2	.0	.0	.0	.0			
JUMP OFF JOE	3500	1st	.0	.0	4.4	9.7	18.3	19.5	19.0	.0	.0	.0	.0	.0	11/15	20.6	3/5
		15th	.0	.0	3.2	16.3	17.8	19.1	10.4	.0	.0	.0	.0	.0			

SNOTEL SWE's - WY 1989 (inches)

SNOTEL SITENAME	ELEV (ft)	DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	START DATE	MAX SWE	MAX DATE
KING MOUNTAIN	4000	1st	.0	.0	1.3	5.2	8.2	10.0	3.9	.0	.0	.0	.0	.0			
		15th	.0	.4	.0	7.7	9.4	7.3	.0	.0	.0	.0	.0	.0	12/20	12.0	3/5
LAKE CREEK R.S.	5200	1st	.0	.0	5.0	7.7	13.2	13.4	15.6	.0	.0	.0	.0	.0			
		15th	.0	1.3	5.2	12.0	11.4	15.7	7.5	.0	.0	.0	.0	.0	11/10	17.1	3/23
LITTLE MEADOWS	4000	1st	.0	.0	9.4	18.6	29.9	35.4	41.9	22.5	.0	.0	.0	.0			
		15th	.0	1.5	6.8	26.7	30.5	35.8	36.1	3.8	.0	.0	.0	.0	11/7	44.7	4/5
LUCKY STRIKE	5050	1st	.0	.0	4.7	8.4	14.3	16.3	17.6	.9	.0	.0	.0	.0			
		15th	.0	1.3	4.9	13.0	15.0	16.5	11.1	.0	.0	.0	.0	.0	11/13	18.1	4/5
MADISON BUTTE	5250	1st	.0	.0	3.5	4.1	7.7	9.3	6.8	.3	.0	.0	.0	.0			
		15th	.0	1.3	2.9	6.8	7.7	7.5	.0	.0	.0	.0	.0	.0	11/13	10.1	3/8
MARION FORKS	2600	1st	.0	.0	4.0	8.4	13.7	16.3	18.0	.0	.0	.0	.0	.0			
		15th	.0	.1	3.8	12.5	13.3	17.0	9.2	.0	.0	.0	.0	.0	11/14	18.3	3/31
MCKENZIE	4800	1st	.0	.0	14.9	28.4	52.5	59.5	72.1	63.9	38.5	.0	.0	.0			
		15th	.0	4.4	15.8	45.7	54.0	65.0	70.4	48.3	11.7	.0	.0	.0	11/5	75.8	4/6
MOSS SPRINGS	5850	1st	.0	.0	7.6	12.9	23.8	28.4	34.5	24.6	3.6	.0	.0	.0			
		15th	.0	2.9	9.0	21.6	25.3	29.3	32.9	12.9	.0	.0	.0	.0	11/8	37.4	4/7
MT HOOD TEST SITE	5400	1st	.0	.0	23.3	33.7	58.8	65.8	80.4	79.7	66.2	12.9	.0	.0			
		15th	.0	6.4	24.8	50.5	59.9	73.2	81.5	69.6	39.4	.0	.0	.0	11/4	84.4	4/7
MT. HOWARD	7910	1st	.0	.0	6.6	9.3	14.0	16.3	22.8	19.1	8.2	.0	.0	.0			
		15th	.0	3.3	7.1	13.1	14.5	19.3	21.1	12.7	.0	.0	.0	.0	11/4	24.0	4/6
MUD RIDGE	3800	1st	.0	.0	11.2	16.3	29.5	35.7	40.6	22.6	.0	.0	.0	.0			
		15th	.0	2.6	10.3	26.0	30.9	37.3	35.2	6.5	.0	.0	.0	.0	11/2	42.4	4/5
NEW CRESCENT LAKE	4800	1st	.0	.0	2.8	6.2	12.9	14.8	12.9	.0	.0	.0	.0	.0			
		15th	.0	1.3	1.6	11.1	13.0	15.3	.2	.0	.0	.0	.0	.0	11/10	16.3	3/21
NORTH FORK	3120	1st	.0	.0	3.3	12.2	15.4	22.3	28.8	5.5	.0	.0	.0	.0			
		15th	.0	.0	3.9	17.8	17.6	26.0	22.0	.0	.0	.0	.0	.0	11/22	30.8	4/4
OCHOCO MEADOWS	5200	1st	.0	.0	4.0	6.4	10.1	10.1	13.3	.8	.0	.0	.0	.0			
		15th	.0	1.5	3.6	9.2	10.3	11.9	6.6	.0	.0	.0	.0	.0	11/9	13.9	4/5
PEAVINE RIDGE	3500	1st	.0	.0	4.7	7.2	12.6	15.3	18.3	.0	.0	.0	.0	.0			
		15th	.0	.4	2.7	11.5	13.8	16.1	9.4	.0	.0	.0	.0	.0	11/7	19.1	4/5
QUARTZ MOUNTAIN	5700	1st	.0	.0	2.9	5.0	10.1	9.9	8.2	.0	.0	.0	.0	.0			
		15th	.0	.2	1.5	8.5	8.9	10.9	.0	.0	.0	.0	.0	.0	11/13	11.6	3/20

SNOTEL SWE's - WY 1989 (Inches)

SNOTEL SITENAME	ELEV (ft)	DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	START DATE	MAX SWE	MAX DATE
RAILROAD OVERPASS	2750	1st	.0	.0	.1	2.5	2.7	.0	.0	.0	.0	.0	.0	.0	12/18	4.7	1/16
		15th	.0	.0	.0	4.6	2.0	.0	.0	.0	.0	.0	.0	.0			
RED HILL	4400	1st	.0	.0	16.0	23.1	43.1	48.8	56.9	50.6	36.9	.0	.0	.0	11/7	59.8	4/5
		15th	.0	4.5	14.1	35.2	43.4	53.4	57.0	40.1	9.1	.0	.0	.0			
ROARING RIVER	4900	1st	.0	.0	8.6	18.5	33.9	40.2	47.0	32.6	2.2	.0	.0	.0	11/7	49.5	4/5
		15th	.0	1.5	8.4	29.9	36.5	42.5	41.7	22.8	.0	.0	.0	.0			
ROCK SPRINGS	5100	1st	.0	.0	1.0	2.5	4.8	6.5	6.0	.0	.0	.0	.0	.0	12/22	9.0	3/9
		15th	.0	.0	.0	4.1	5.8	7.8	.0	.0	.0	.0	.0	.0			
SADDLE MOUNTAIN	3250	1st	.0	.0	4.0	6.4	6.5	10.1	9.1	.0	.0	.0	.0	.0	12/13	10.9	2/19
		15th	.0	1.1	.9	10.3	9.4	8.8	7.4	.0	.0	.0	.0	.0			
SALT CREEK FALLS	4000	1st	.0	.0	6.8	13.5	24.6	26.9	29.8	17.6	.0	.0	.0	.0	11/12	31.3	3/21
		15th	.0	.5	6.1	22.3	26.2	29.0	24.3	1.7	.0	.0	.0	.0			
SANTIAM JCT.	3750	1st	.0	.0	5.5	12.5	21.6	26.2	27.8	.0	.0	.0	.0	.0	11/13	29.6	4/6
		15th	.0	.3	5.3	17.6	23.6	26.9	18.3	.0	.0	.0	.0	.0			
SCHNEIDER MEADOWS	5400	1st	.0	.0	12.9	18.8	27.6	31.7	38.7	25.9	.8	.0	.0	.0	11/2	39.8	3/25
		15th	.0	3.8	13.7	25.1	27.8	36.2	32.6	15.3	.0	.0	.0	.0			
SEINE CREEK	2000	1st	.0	.0	1.5	2.7	2.7	2.6	.0	.0	.1	.0	.0	.0	12/20	4.7	2/17
		15th	.0	.0	.0	4.0	3.9	.8	.0	.0	.0	.0	.0	.0			
SEVENMILE MARSH	6200	1st	.0	.0	11.0	18.5	30.9	39.7	48.5	35.7	4.9	.0	.0	.0	11/7	51.2	4/5
		15th	.0	3.5	10.5	26.9	34.5	42.4	41.5	20.5	.0	.0	.0	.0			
SILVER CREEK	5720	1st	.0	.0	4.0	6.1	9.2	10.0	10.7	.0	.0	.0	.0	.0	11/9	12.5	3/21
		15th	.0	.9	3.7	8.6	8.9	11.6	.0	.0	.0	.0	.0	.0			
SILVIES	6900	1st	.0	.0	6.1	13.4	23.8	24.8	33.0	16.3	.0	.0	.0	.0	11/10	33.9	4/6
		15th	.0	1.1	7.0	20.0	22.3	29.0	27.3	1.1	.0	.0	.0	.0			
SNOW MOUNTAIN	6220	1st	.0	.0	3.7	6.5	11.1	12.0	17.1	7.2	.0	.0	.0	.0	11/13	17.6	4/6
		15th	.0	.7	4.0	9.5	10.4	14.2	12.5	.0	.0	.0	.0	.0			
STARR RIDGE	5300	1st	.0	.0	1.9	3.8	6.4	7.9	4.7	.0	.0	.0	.0	.0	11/13	8.9	3/6
		15th	.0	.4	1.0	6.1	6.5	7.4	.0	.0	.0	.0	.0	.0			
STRAWBERRY	5760	1st	.0	.0	1.5	1.9	7.1	7.2	5.0	.0	.0	.0	.0	.0	12/18	9.0	3/5
		15th	.0	.0	.0	6.1	5.7	7.3	.0	.0	.0	.0	.0	.0			
SUMMER RIM	7100	1st	.0	.0	9.3	12.3	19.0	20.1	25.5	4.3	.0	.0	.0	.0	11/9	25.6	4/4
		15th	.0	2.0	9.4	16.8	17.8	22.3	15.9	.0	.0	.0	.0	.0			

SNOTEL SWE's - WY 1989 (inches)

SNOTEL SITENAME	ELEV (ft)	DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	START DATE	MAX SWE	MAX DATE
SUMMIT LAKE	5600	1st	.0	.0	15.8	21.3	36.0	41.6	55.9	57.1	47.4	8.9	.0	.0			
		15th	.0	4.9	15.3	31.7	38.0	49.8	57.3	51.2	29.7	.0	.0	.0	11/2	58.0	4/9
TAYLOR BUTTE	5100	1st	.0	.0	2.6	4.6	6.7	7.5	2.6	.0	.0	.0	.0	.0			
		15th	.0	.2	2.3	5.9	7.3	7.1	.0	.0	.0	.0	.0	.0	11/13	8.4	3/9
TAYLOR GREEN	5740	1st	.0	.0	6.5	11.7	20.8	25.3	32.2	15.2	.0	.0	.0	.0			
		15th	.0	1.3	7.3	19.1	21.1	26.3	24.8	.0	.0	.0	.0	.0	11/10	32.2	4/1
THREE CREEKS MEADOW	5650	1st	.0	.0	4.4	6.7	12.1	13.8	18.5	15.5	.0	.0	.0	.0			
		15th	.0	1.3	4.4	10.7	12.9	15.6	17.0	7.1	.0	.0	.0	.0	11/6	19.6	4/7
TIPTON	5150	1st	.0	.0	4.6	8.4	15.0	17.3	21.3	5.8	.0	.0	.0	.0			
		15th	.0	1.1	5.2	13.5	13.6	20.0	15.6	.0	.0	.0	.0	.0	11/9	21.6	4/5
WOLF CREEK	5700	1st	.0	.0	5.7	9.8	17.5	19.6	24.6	14.8	.0	.0	.0	.0			
		15th	.0	1.5	6.6	16.0	17.8	22.1	20.8	.0	.0	.0	.0	.0	11/9	25.5	4/5

Monthly Precipitation - WY 1989 (inches)

SNOTEL SITENAME	ELEV (ft)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	TOTAL
ANEROID LAKE #2	7300	.6	9.4	2.3	6.7	1.6	6.2	3.4	4.5	2.5	1.2	6.8	1.5	46.7
ARBUCKLE MTN	5400	.0	6.8	3.8	7.2	3.0	5.9	4.2	3.2	1.4	.5	1.2	.5	37.7
BEAVER RESERVOIR	5150	.5	5.7	3.7	6.4	2.3	4.2	2.7	3.8	1.2	.8	3.7	1.1	36.1
BIG RED MOUNTAIN	6250	.3	13.6	5.9	4.5	2.7	12.3	3.9	4.5	.7	.1	.9	2.3	51.7
BIGELOW CAMP	5120	.0	18.5	7.0	7.4	3.6	15.6	3.3	3.1	.3	.2	.3	.8	60.1
BILLIE CREEK DIVIDE	5300	.1	17.2	6.8	10.4	4.3	11.6	5.6	2.8	.0	.0	.4	1.7	60.9
BLAZED ALDER	3650	3.0	29.6	12.9	22.9	6.8	15.2	7.4	5.0	2.4	.4	3.7	.9	110.2
BLUE MOUNTAIN SPRING	5900	0.1	9.6	5.1	4.9	3.1	6.3	2.8	2.8	0.6	1.3	2.9	0.9	40.4
BOURNE	5800	.1	8.6	4.1	5.7	2.6	5.4	2.3	3.0	1.2	.4	3.1	1.0	37.5
BOWMAN SPRINGS	4580	.6	6.0	3.5	7.2	2.3	3.5	2.2	2.9	.8	.6	1.4	1.0	32.0
CASCADE SUMMIT	4880	.2	18.9	6.2	10.5	4.0	11.1	4.6	5.1	2.1	1.1	3.0	.5	67.3
CHEMULT ALTERNATE	4760	.0	7.6	4.0	2.2	1.4	9.4	3.6	.7	.0	.0	.6	2.2	31.7
CLACKAMAS LAKE	3400	.4	15.6	4.8	9.6	2.4	7.3	3.3	1.9	.2	.7	1.6	.4	48.2
CLEAR LAKE	3500	.6	13.7	3.7	7.8	2.1	6.9	3.7	.5	.5	.4	.7	.2	40.8
COLD SPRINGS CAMP	6100	.0	18.8	7.0	8.6	5.0	12.1	5.0	3.5	1.1	.2	1.1	1.2	63.6
COUNTY LINE	4800	.0	4.5	2.9	5.1	1.7	3.4	2.7	3.7	1.6	1.9	1.8	1.5	30.8
DALY LAKE	3600	1.1	26.4	8.4	13.4	5.9	16.4	5.9	4.7	2.9	.8	2.5	.6	89.0
DERR.	5670	.0	6.1	3.0	3.6	2.4	6.0	3.4	2.4	.4	.4	1.1	.6	29.4
DIAMOND LAKE	5315	.0	15.4	4.4	6.0	3.7	10.9	3.2	2.2	.0	.0	1.8	.8	48.4
EILERTSON MEADOWS	5400	.3	7.1	2.8	3.8	1.6	3.7	2.3	3.0	1.1	.4	2.9	.7	29.7
EMIGRANT SPRINGS	3925	.5	9.0	4.6	8.2	3.0	5.0	2.7	3.6	1.5	.5	.0	2.2	40.8
FISH CREEK	7900	.1	14.0	5.5	5.9	4.0	6.4	6.1	2.7	1.7	.1	1.7	1.5	49.7
FISH LK.	4665	.1	11.9	4.1	8.4	3.1	8.7	4.1	4.6	.5	.2	.5	1.9	48.1
FOURMILE LAKE	6000	.0	15.5	6.8	9.0	4.5	12.6	5.3	2.8	.0	.0	.1	.7	57.3
GOLD CENTER	5340	.1	5.9	3.1	2.9	1.0	3.6	2.7	1.5	1.0	.8	2.4	1.2	26.2
GREENPOINT	3200	1.0	25.1	8.1	12.3	4.8	13.7	3.1	2.8	1.5	.0	1.7	.3	74.4
HIGH RIDGE	4980	.2	12.0	7.1	11.7	4.1	6.0	3.2	4.1	.8	.7	2.6	1.2	53.7
HOGG PASS	4760	.3	24.7	8.3	12.4	5.0	15.0	6.0	4.3	2.1	1.3	5.8	.4	85.6
HOLLAND MEADOWS	4900	.5	18.1	7.5	12.0	4.3	13.7	4.3	5.7	1.7	.9	5.5	.9	75.1
HYATT PRAIRIE	4900	.2	7.8	4.1	5.9	2.0	6.3	4.3	3.0	.9	.0	.6	2.0	37.1
IRISH TAYLOR	5500	.1	19.4	7.4	11.3	3.8	13.6	3.9	4.8	.8	1.2	4.2	.7	71.2
JUMP OFF JOE	3500	1.3	26.0	8.4	13.3	5.3	15.9	3.4	4.8	1.4	1.2	4.1	.2	85.3
KING MOUNTAIN	4000	.0	15.7	7.3	7.0	5.6	17.2	3.4	3.5	.8	.3	1.1	.6	62.5
LAKE CREEK R.S.	5200	.1	7.3	3.0	4.4	2.3	4.5	2.0	2.2	.5	.1	2.1	.6	29.1
LITTLE MEADOWS	4000	1.1	30.1	13.8	18.2	5.1	11.9	5.9	4.7	2.2	1.2	2.5	.6	97.3
LUCKY STRIKE	5050	.2	5.9	3.8	5.8	1.9	4.7	3.3	4.3	1.2	.3	2.4	.4	34.2
MADISON BUTTE	5250	.4	3.5	1.6	3.8	2.5	3.8	3.9	1.5	.3	.7	1.8	.5	24.3
MARION FORKS	2600	.6	29.5	7.8	12.1	5.2	13.7	5.3	3.8	1.2	.5	2.3	.1	82.1
MCKENZIE	4800	.9	27.8	11.1	19.2	6.0	16.6	7.9	6.1	1.1	.9	5.4	.7	103.7
MOSS SPRINGS	5850	1.1	10.5	5.7	10.6	3.5	8.5	3.6	4.3	2.2	.4	5.8	1.8	58.0

Monthly Precipitation - WY 1989 (inches)

SNOTEL SITENAME	ELEV (ft)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	TOTAL
MT HOOD TEST SITE	5400	2.6	26.6	13.0	20.0	5.4	16.6	8.0	5.1	1.7	.6	3.7	.8	104.1
MT. HOWARD	7910	.5	8.5	2.5	5.8	1.8	7.6	3.8	4.5	2.5	.5	6.1	1.7	45.8
MUD RIDGE	3800	1.1	18.2	6.9	12.1	4.3	8.2	4.3	2.1	.8	3.7	1.5	.6	63.8
NEW CRESCENT LAKE	4800	.1	10.4	3.7	6.9	3.0	9.1	2.5	1.6	1.2	.1	2.0	1.0	41.6
NORTH FORK	3120	2.7	39.4	19.2	29.1	11.3	23.4	6.6	7.6	3.6	.6	5.0	1.2	149.7
OCHOCO MEADOWS	5200	.2	7.2	2.6	3.6	1.8	5.4	4.2	1.9	1.4	.7	1.5	.6	31.1
PEAVINE RIDGE	3500	.4	17.9	5.8	9.1	3.9	9.6	4.1	3.5	1.5	.5	2.7	.2	59.2
QUARTZ MOUNTAIN	5700	.3	6.8	2.9	3.0	1.4	5.2	1.5	1.7	.0	.3	.7	1.3	25.1
RAILROAD OVERPASS	2750	.2	13.4	4.0	8.8	2.9	11.8	4.4	3.9	1.2	.6	6.1	1.2	58.5
RED HILL	4400	.4	34.1	12.5	26.0	7.6	20.7	3.8	2.3	0.4	.0	.0	.2	108.0
ROARING RIVER	4900	.1	22.5	8.5	12.4	4.8	15.3	1.3	4.5	0.1	.9	4.9	1.0	76.3
ROCK SPRINGS	5100	.0	5.5	1.5	1.7	1.7	2.4	3.5	1.8	1.0	.2	1.7	.6	21.6
SADDLE MOUNTAIN	3250	2.5	28.5	11.4	14.9	10.2	17.4	5.3	2.8	1.7	1.9	2.0	.0	98.6
SALT CREEK FALLS	4000	.5	20.6	7.1	11.0	3.6	13.8	3.6	4.8	1.7	.7	10.3	2.8	80.5
SANTIAM JCT.	3750	.9	21.6	7.7	11.6	4.7	14.1	5.1	3.4	1.0	.6	5.3	.1	76.1
SCHNEIDER MEADOWS	5400	.1	13.7	5.8	7.5	4.1	8.6	1.7	3.3	1.5	.0	2.9	1.9	51.1
SEINE CREEK	2000	1.3	21.5	7.4	9.1	7.3	11.6	3.7	1.6	2.0	.9	1.7	.1	68.2
SEVENMILE MARSH	6200	.1	20.5	7.8	9.2	5.8	15.5	6.3	4.7	1.1	.4	2.0	1.0	74.4
SILVER CREEK	5720	.3	10.9	1.8	5.0	1.6	7.7	1.1	1.3	.2	.0	2.7	1.6	34.2
SILVIES	6900	.0	7.7	6.1	10.5	3.7	7.8	2.4	2.7	1.8	.0	1.0	1.4	45.1
SNOW MOUNTAIN	6220	.1	7.4	3.3	4.1	2.1	6.3	3.8	2.3	.1	.0	2.2	1.3	33.0
STARR RIDGE	5300	.0	4.0	2.5	3.1	2.1	3.8	2.1	2.0	1.2	.3	1.9	1.3	24.3
STRAWBERRY	5760	.3	5.3	3.2	2.7	1.3	6.7	2.8	2.0	.2	.1	.7	1.3	26.6
SUMMER RIM	7100	.2	7.6	2.4	3.3	1.5	6.6	2.5	2.2	1.7	.2	2.8	.9	31.9
SUMMIT LAKE	5600	.3	20.3	6.9	12.4	4.6	16.2	5.0	5.1	1.3	.5	1.6	1.2	75.4
TAYLOR BUTTE	5100	.4	7.1	1.9	2.1	1.1	5.7	2.7	1.0	.0	.0	.5	1.6	24.1
TAYLOR GREEN	5740	.3	7.8	5.0	7.5	2.7	7.3	.5	2.3	1.0	.1	3.8	1.0	39.3
THREE CREEKS MEADOW	5650	.0	13.4	4.1	4.6	2.2	8.1	4.3	1.3	.3	.4	1.6	.5	40.8
TIPTON	5150	.1	6.2	3.5	4.3	2.4	3.8	1.8	3.4	.8	.3	3.3	.7	30.6
WOLF CREEK	5700	.2	7.1	4.2	5.3	2.3	2.4	4.1	3.2	1.2	.3	2.7	.7	33.7

Snow Course SWE Averages: 1961 - 1985 (inches)

SNOW COURSE NAME		ELEV (ft)	January 1st	January 15th	February 1st	February 15th	March 1st	March 15th	April 1st	April 15th	May 1st	May 15th	June 1st	June 15th
ALDER CREEK		0												
ALTHOUSE #2		4530	2.7		4.7		5.4		6.9					
ALTHOUSE #3	*	5000									35.3			
ANEROID LAKE #2		7300	11.2		21.4		27.0		32.6		44.7		24.5	
ANNIE SRING REV		6120	19.0		28.4		36.5		46.0					
ANTHONY LAKE		7130	11.3		17.1		22.1		27.5		31.2			
ARBUCKLE MTN.		5400	3.4		7.2		9.1		10.0		3.1			
BALD MTN,OR	AM	6720			16.2		20.4		25.8		23.5			
BALD PETER		5400			20.5		27.1		32.6		33.6		22.1	
BARLEY CAMP	* AM	6900												
BEAR FLAT MEADOW	AM	5900	4.2		6.9		9.3		10.7					
BEAVER CREEK #1	*	4250												
BEAVER CREEK #2	*	4250									8.2			
BEAVER DAM CREEK		5100	6.4		9.5		11.2		11.8		8.4			
BEAVER RES.(REV)		5150	5.3		8.8		10.7		12.3					
BIG RED MTN		6250	10.1		19.1		24.5		30.5					
BIG SHEEP	AM	6200			18.9		23.3		26.4		23.6			
BLUE MTN SPRINGS		5900	7.3		11.9		14.5		16.4		11.1			
BOULDER CREEK	* AM	5690												
BOURNE		5800	5.8		11.3		14.0		14.6		7.7			
BROOKS MEADOW		4300	3.8				9.3		9.6					
BUCK PASTURE	AM	5300			1.4		2.2		1.8					
BUCKSKIN LAKE	AM	5200			.6		.3		.1					
BULLY CREEK	AM	5300	.8		2.2		1.9		.7					
BUTTE CREEK SUM	*	3930												
CALIBAN ALT		6500			19.6		26.0		32.0		35.6			
CALL MEADOWS	AM	5340	1.5		3.1		3.9		2.9					
CAMAS CREEK #2		5850	4.9		8.5		10.6		12.0		5.5			
CASCADE SUMMIT		4880	11.7		18.0		23.1		27.8		23.9		8.0	
CHEMULT ALT		4760	5.3		9.0		9.8		8.4		1.5			
CHILOQUIN		4190			2.4		1.2		.0					
CLACKAMAS LAKE REV		3400	5.0				9.3		9.7				.3	
CLEAR LAKE		3500	3.2		6.5		7.6		8.0		4.9		.8	
CLEAR LAKE EXP		3800	5.5		10.2		12.2		13.8		9.9		15.6	
COLD SPRINGS CAMP		6100			23.3		28.6		35.6		34.2			
COLVIN CREEK	AM	6550	2.2		4.3		5.4		5.4					
COUNTY LINE REV		4800	2.2		3.8		4.7		3.3		1.7			
COX FLAT	AM	5750	2.9		5.7		7.2		6.3					
CRAZYMAN FLAT	AM	6100			6.4		8.4		10.1		5.7			
CRYSTAL		4200			3.3		3.0		1.5					

* Average not established

SNOW COURSE NAME	ELEV (ft)	January 1st	January 15th	February 1st	February 15th	March 1st	March 15th	April 1st	April 15th	May 1st	May 15th	June 1st	June 15th
DEADHORSE GRADE	3700	5.4		9.6		11.4		14.7		10.4			
DEADWOOD JUNCTION	4600	4.2		6.2		7.3		6.9		2.1			
DERR	5670	5.0		7.5		9.2		9.8					
DIAMOND LAKE	5320	7.8		12.7		16.3		19.3		16.0		3.9	
DOG HOLLOW AM	4900			1.0		.7		.5					
DOOLEY MOUNTAIN	5430												
EILERTSON MEADOWS	5400	5.0		8.3		10.0		11.4		5.0			
ELDORADO PASS	4600	2.0		3.2		3.4		1.2		.0			
EMIGRANT SPRINGS REV	3930	2.8		4.2		4.4		3.5		.3			
FINLEY CORRALS AM	6000			11.7		14.5		15.7		9.4			
FISH CREEK REV	7900	11.0		21.2		22.4		27.6					
FISH LAKE	4670	6.7		9.5		11.6		12.2		6.7			
FLAG PRAIRIE AM	4750			3.7		4.4		2.6					
FT. KLAMATH	4150			3.3		3.0		1.5					
GERBER	4850	1.3		2.2		1.9		.6					
GOLD CENTER REV	5340	6.6		9.2		11.8		12.4		4.5			
GOODRICH LAKE	6780			26.9		34.5		36.6		40.2			
GOVERNMENT CORRALS *	7450												
GRAYBACK PEAK	6000	9.1		14.9		18.0		22.8					
HARRIMAN LODGE	4200			3.8		3.7		1.7					
HART MOUNTAIN AM	6350			2.9		3.6		1.5					
HIGH PRAIRIE *	6100												
HOWARD PRAIRIE	4500	4.2		6.5		8.1		7.0		2.1			
HUNGRY FLAT	4400	2.6		4.3		3.8		2.2		.0		.0	
HYATT PRAIRIE RES	4900	3.8		5.8		6.5		6.3		3.5			
IDLEWILD ALT.(DISC.)	5200												
IZEE SUMMIT (DISC.)	5290												
KING MNT #1	4500	4.4		5.6		6.3		6.6		3.4			
KING MTN #2	4000	3.4		3.9		4.3		4.8		1.6			
KING MTN #3	3650	1.4		.5		1.1		1.0		.0			
KING MTN #4	3050			.1		.0		.0		.0			
KING MTN #5	2380			.1		.0		.0		.0			
KING MTN #6	1820			.0		.0		.0		.0			
LAKE CREEK R.S. REV	5200	4.6		7.6		9.4		9.6		2.9			
LIONSHEAD AM	5400			7.8		13.3				9.6			
LITTLE ALPS	6200	5.7		8.8		11.4		14.4		13.5			
LITTLE ANTONE (ALT)	5000	4.1		6.3		8.4		8.3		1.9			
LOOKOUT BUTTE AM	5650	.0		.3		.3		.0					
LOUSE CANYON AM	6440			4.1		4.8		5.6					
LUCKY STRIKE	5050	4.0		8.1		10.3		12.2		8.6			

* Average not established

Snow Course SWE Averages: 1961 - 1985 (inches)

SNOW COURSE NAME	ELEV (ft)	January 1st	January 15th	February 1st	February 15th	March 1st	March 15th	April 1st	April 15th	May 1st	May 15th	June 1st	June 15th
MARION FORKS REV	2600	3.9		7.4		9.6		10.6		5.6		.0	
MARKS CREEK	4540	2.3		3.1		3.2		1.7		.1			
MARY'S PEAK REV	3620			5.2		6.4		9.8					
MCKENZIE	4800	18.7		27.9		35.1		42.3		43.6			
MEACHAM	4300	3.5		6.9		8.4		8.7		2.6			
MILL CREEK MDW *	6200												
MIRROR LAKE AM	8200			46.4		56.6		66.4		75.5			
MOSS SPRINGS	5850	9.6		15.4		19.9		24.7		24.1			
MT ASHLAND SWBK.	6400			23.3		29.1		35.5		36.0			
MT HOOD	5400												
MULE CREEK	3680			4.3		5.4		4.9		1.8			
NEW CRESCENT LAKE	5400	6.3		9.7		11.2		12.1		5.1			
NEW DUTCHMAN #2	6400	22.8		34.1		42.8		51.0		52.9		35.5	
NORTH UMPQUA	4220	5.7		9.8		11.3		11.7		5.1			
OCHOCO MEADOWS	5200	4.5		7.2		9.1		9.3					
OREGON CANYON AM	6950			4.3		5.2		5.8					
PAGE MTN	4050	1.2		2.5		2.5		3.0				43.8	
PARK H.Q. REV	6550	26.7		39.2		49.3		61.9		62.6			
PATTON MEADOWS AM	6800	7.3		11.6		15.2		18.3		13.9			
PUEBLO SUMMIT * AM	6800												
QUARTZ MOUNTAIN	5320	2.6		4.6		5.3		4.4		.8		.0	
RACING CREEK	4800			8.5		12.1		14.3		9.2		.0	
RAILROAD OVERPASS	2750	.8		1.3		1.2		.3		.0			
RED BUTTE #1	4560			7.5		9.4		13.0		9.8			
RED BUTTE #2	4000			4.9		6.3		8.1		3.9			
RED BUTTE #3	3500	1.7		2.4		3.2		3.8		.6			
RED BUTTE #4	3000			1.4		1.2		1.6		.0			
RED BUTTE #5	2500			.3		.3		.1		.0			
RED BUTTE #6	2000			.0		.1		.0		.0			
RED HILL	4100	15.6		24.2		30.9		39.2					
ROCK SPRINGS REV	5100	2.6		4.6		5.6		5.1		.4			
ROGGER MEADOWS AM	6500			9.5		11.9		12.8				1.1	
SALT CREEK FALLS	4000	5.1		9.1		11.0		13.5		9.2			
SCHNEIDER MEADOWS	5400	12.6		21.9		27.6		31.6		27.5			
SEVENMILE MARSH	5730			20.3		23.4		29.8					
SHERMAN VALLEY	6600	4.9		8.1		11.1		12.4					
SILVER BURN	3720	5.5		8.7		10.2		10.0		2.1			
SILVIES	6900	4.9		7.0		9.9		12.3					
SISKIYOU SUMMIT REV	4630	3.3		5.5		5.5		3.9		.0			
SKI BOWL ROAD	6000			19.5		24.7		29.5		26.6			

* Average not established

Snow Course SWE Averages: 1961 - 1985 (inches)

SNOW COURSE NAME		ELEV (ft)	January 1st	January 15th	February 1st	February 15th	March 1st	March 15th	April 1st	April 15th	May 1st	May 15th	June 1st	June 15th
SOUTH FORK CANAL		3500	1.9		2.4		1.8		.7		.0			
STANDLEY	AM	7400			19.5		25.8		33.4		36.6			
STARR RIDGE REV		5150	2.9		4.7		5.4		4.8		1.0			
STINKING WATER		4800	1.9		2.4		2.7		1.1		.2			
STRAWBERRY		5760	2.8		5.5		6.5		7.0		2.1			
SUMMER RIM	AM	7100	6.9											
SUMMER RIM		7100	6.9		10.7		13.8		17.1		15.8			
SYCAN FLAT	AM	5500			5.2		5.7		4.2					
TANGENT		5400	10.0		16.1		20.2		22.1		13.2		1.1	
TAYLOR BUTTE		5100	2.4		3.9		4.3		3.3		.6			
THREE CREEK BUTTE		5200	4.2		7.9		8.5		7.7		2.0			
THREE CREEK MEADOWS		5650	6.6		11.6		14.2		16.7		12.8			
TIMOTHY LAKE		3300			8.4		12.1		14.1		13.1			
TIPTON		5100	5.3		8.2		9.7		9.9		1.6			
TOLLGATE		5070	10.2		17.1		21.7		26.6		19.6		3.3	
TRAP CREEK		3800	4.8		8.1		9.6		9.3		4.2			
TROUT CREEK	AM	7800	4.8		5.9		8.6		10.7					
TV RIDGE #2	AM	7000			12.3		17.2		22.7		24.0			
V LAKE	AM	6600			4.8		6.6		8.3					
WEST EAGLE MEADOWS		5500			19.1		27.5		28.0		23.5			
WHITEWATER MEADOW	AM	4160			3.2		3.4		1.8		.0			

SNOTEL SWE Averages: 1961 - 1985 (inches)

SNOTEL SITENAME	ELEV (ft)	DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
ANEROID LAKE #2	7300	1st	.0	.0	3.5	11.2	18.0	22.7	27.3	28.4	16.4	.0	.0	.0
		15th	.0	1.1	7.4	14.7	20.5	25.1	28.7	24.8	8.2	.0	.0	.0
ARBUCKLE MTN	5400	1st	.0	.0	3.4	10.4	16.1	20.5	24.1	21.4	.0	.0	.0	.0
		15th	.0	.0	6.7	13.2	18.6	22.4	24.3	7.2	.0	.0	.0	.0
BEAVER RESERVOIR	5150	1st	.0	.0	1.4	4.5	7.1	9.1	10.9	6.5	.0	.0	.0	.0
		15th	.0	.0	2.9	5.8	8.3	10.1	10.6	.0	.0	.0	.0	.0
BIG RED MOUNTAIN	6250	1st	.0	.0	3.8	12.5	19.2	24.2	29.1	26.2	.0	.0	.0	.0
		15th	.0	.0	8.1	16.0	21.8	26.5	29.7	13.7	.0	.0	.0	.0
BIGELOW CAMP	5120	1st	.0	.0	2.3	6.0	8.8	10.9	13.3	4.8	.0	.0	.0	.0
		15th	.0	.4	4.1	7.4	9.8	12.2	12.8	.0	.0	.0	.0	.0
BILLIE CREEK DIVIDE	5300	1st	.0	.0	3.4	9.9	14.8	18.9	21.5	15.7	.0	.0	.0	.0
		15th	.0	.0	6.9	12.5	17.2	20.4	21.9	.0	.0	.0	.0	.0
BLAZED ALDER	3650	1st	.0	.0	3.6	12.6	21.7	29.6	36.1	34.3	13.7	.0	.0	.0
		15th	.0	.0	7.9	17.0	26.0	33.2	37.2	26.4	.0	.0	.0	.0
BLUE MOUNTAIN SPRING	5900	1st	.0	.0	2.7	9.2	14.9	18.4	19.6	11.8	.0	.0	.0	.0
		15th	.0	.0	6.1	12.0	16.9	19.2	19.8	.0	.0	.0	.0	.0
BOURNE	5800	1st	.0	.0	3.0	8.7	13.9	17.4	18.5	8.3	.0	.0	.0	.0
		15th	.0	.0	5.7	11.3	15.9	18.1	15.9	.0	.0	.0	.0	.0
BOWMAN SPRINGS	4580	1st	.0	.0	.8	5.6	8.8	11.1	13.1	.0	.0	.0	.0	.0
		15th	.0	.0	3.4	7.2	10.1	12.3	7.2	.0	.0	.0	.0	.0
CASCADE SUMMIT	4880	1st	.0	.0	4.8	13.9	22.0	27.4	32.3	26.5	7.8	.0	.0	.0
		15th	.0	.0	9.4	18.1	25.2	30.4	33.3	17.4	.0	.0	.0	.0
CHEMULT ALTERNATE	4760	1st	.0	.0	1.4	4.3	7.4	8.5	7.1	.0	.0	.0	.0	.0
		15th	.0	.0	2.8	5.9	8.2	8.3	2.2	.0	.0	.0	.0	.0
CLACKAMAS LAKE	3400	1st	.0	.0	2.4	7.7	12.6	16.5	18.3	11.0	.0	.0	.0	.0
		15th	.0	.0	4.9	10.2	14.6	17.6	16.5	.9	.0	.0	.0	.0
CLEAR LAKE	3500	1st	.0	.0	1.5	5.0	8.4	10.7	12.7	10.0	.0	.0	.0	.0
		15th	.0	.0	3.2	6.6	9.6	11.7	13.2	.0	.0	.0	.0	.0
COLD SPRINGS CAMP	6100	1st	.0	.0	4.4	13.6	20.5	25.9	31.6	26.5	2.2	.0	.0	.0
		15th	.0	.0	8.5	17.1	23.4	28.8	32.5	14.5	.0	.0	.0	.0
COUNTY LINE	4800	1st	.0	.0	.0	2.2	3.9	4.9	4.3	.6	.0	.0	.0	.0
		15th	.0	.0	1.2	3.1	4.6	4.8	2.9	.0	.0	.0	.0	.0

SNOTEL SWE Averages: 1961 - 1985 (inches)

SNOTEL SITENAME	ELEV (ft)	DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
DALY LAKE	3600	1st	.0	.0	3.5	11.9	20.3	25.8	29.0	18.3	.0	.0	.0	.0
		15th	.0	.0	7.2	16.2	23.5	27.8	28.1	.0	.0	.0	.0	.0
DERR.	5670	1st	.0	.0	2.1	6.7	10.4	12.8	13.9	8.5	.0	.0	.0	.0
		15th	.0	.0	4.3	8.6	11.7	13.6	14.0	.0	.0	.0	.0	.0
DIAMOND LAKE	5315	1st	.0	.0	2.5	7.8	13.1	16.6	19.5	15.0	.0	.0	.0	.0
		15th	.0	.0	4.9	10.5	15.0	18.1	19.7	.0	.0	.0	.0	.0
EILERTSON MEADOWS	5400	1st	.0	.0	1.4	5.5	8.8	10.9	11.6	5.2	.0	.0	.0	.0
		15th	.0	.0	3.2	7.3	10.0	11.5	10.2	.0	.0	.0	.0	.0
EMIGRANT SPRINGS	3925	1st	.0	.0	.0	2.8	4.9	5.5	5.1	.0	.0	.0	.0	.0
		15th	.0	.0	1.3	3.8	5.4	5.4	.0	.0	.0	.0	.0	.0
FISH CREEK	7900	1st	.0	.0	5.8	11.6	17.4	22.9	29.0	29.0	12.8	.0	.0	.0
		15th	.0	2.9	8.7	14.5	20.3	25.8	30.2	21.5	3.8	.0	.0	.0
FISH LK.	4665	1st	.0	.0	2.5	6.7	9.7	11.5	11.7	6.3	.0	.0	.0	.0
		15th	.0	.0	4.6	8.2	10.8	11.7	10.8	.0	.0	.0	.0	.0
FOURMILE LAKE	6000	1st	.0	.0	3.9	11.7	18.1	23.2	27.9	23.4	2.0	.0	.0	.0
		15th	.0	.0	7.8	14.8	20.6	25.9	28.5	12.8	.0	.0	.0	.0
GOLD CENTER	5340	1st	.0	.0	1.2	5.5	8.8	11.1	11.8	.0	.0	.0	.0	.0
		15th	.0	.0	3.3	7.2	10.1	11.7	9.4	.0	.0	.0	.0	.0
GREENPOINT	3200	1st	.0	.0	3.1	9.2	15.6	21.6	23.7	7.6	.0	.0	.0	.0
		15th	.0	.0	5.9	12.3	18.7	24.6	15.4	.0	.0	.0	.0	.0
HIGH RIDGE	4980	1st	.0	.0	3.9	12.2	20.8	26.1	29.7	20.8	.0	.0	.0	.0
		15th	.0	.0	7.7	16.6	23.8	28.5	30.3	7.1	.0	.0	.0	.0
HOGG PASS	4760	1st	.0	.0	5.6	15.1	24.5	31.3	37.7	37.7	19.2	.0	.0	.0
		15th	.0	1.1	10.2	19.6	28.3	34.3	39.2	32.8	.0	.0	.0	.0
HOLLAND MEADOWS	4900	1st	.0	.0	4.3	13.5	22.1	28.0	33.0	31.0	.0	.0	.0	.0
		15th	.0	.0	8.6	17.8	25.4	30.7	33.3	15.8	.0	.0	.0	.0
HYATT PRAIRIE	4900	1st	.0	.0	2.2	4.9	7.1	8.5	8.3	.0	.0	.0	.0	.0
		15th	.0	.7	3.5	6.1	8.0	8.7	4.5	.0	.0	.0	.0	.0
IRISH TAYLOR	5500	1st	.0	.0	8.3	17.8	26.1	32.5	37.8	38.6	22.7	.0	.0	.0
		15th	.0	4.2	12.8	21.9	29.9	35.5	39.3	35.5	.0	.0	.0	.0
JUMP OFF JOE	3500	1st	.0	.0	.0	5.7	9.8	12.8	14.7	.0	.0	.0	.0	.0
		15th	.0	.0	3.1	7.9	11.5	14.0	13.2	.0	.0	.0	.0	.0

SNOTEL SWE Averages: 1961 - 1985 (inches)

SNOTEL SITENAME	ELEV (ft)	DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
KING MOUNTAIN	4000	1st	.0	.0	.4	2.0	2.8	3.3	3.6	.0	.0	.0	.0	.0
		15th	.0	.0	1.2	2.4	3.1	3.5	3.3	.0	.0	.0	.0	.0
LAKE CREEK R.S.	5200	1st	.0	.0	2.0	6.2	9.5	11.8	12.4	.0	.0	.0	.0	.0
		15th	.0	.0	4.0	7.9	10.8	12.3	8.1	.0	.0	.0	.0	.0
LITTLE MEADOWS	4000	1st	.0	.0	3.1	10.0	17.0	21.7	26.2	18.1	.0	.0	.0	.0
		15th	.0	.0	6.6	13.4	19.6	24.1	26.5	.0	.0	.0	.0	.0
LUCKY STRIKE	5050	1st	.0	.0	1.6	6.2	9.6	12.2	14.4	.0	.0	.0	.0	.0
		15th	.0	.0	4.0	7.9	11.1	13.5	10.5	.0	.0	.0	.0	.0
MADISON BUTTE	5250	1st	.0	.0	1.1	3.3	5.4	7.0	7.6	.0	.0	.0	.0	.0
		15th	.0	.0	2.1	4.3	6.3	7.4	.0	.0	.0	.0	.0	.0
MARION FORKS	2600	1st	.0	.0	.0	4.5	8.3	11.0	12.1	.0	.0	.0	.0	.0
		15th	.0	.0	2.1	6.5	9.8	12.0	8.3	.0	.0	.0	.0	.0
MCKENZIE	4800	1st	.0	.0	7.6	16.9	26.5	34.2	40.2	37.8	23.7	.0	.0	.0
		15th	.0	3.2	12.1	21.7	31.0	37.4	40.6	31.8	11.7	.0	.0	.0
MOSS SPRINGS	5850	1st	.0	.0	3.5	10.8	17.3	22.4	27.0	25.9	.0	.0	.0	.0
		15th	.0	.8	7.0	13.8	19.7	24.8	27.5	14.3	.0	.0	.0	.0
MT HOOD TEST SITE	5400	1st	.0	.0	10.1	27.0	43.3	54.8	67.6	71.7	50.0	8.8	.0	.0
		15th	.0	2.0	18.3	35.2	49.3	60.8	71.0	65.6	29.1	.0	.0	.0
MT. HOWARD	7910	1st	.0	.0	3.4	7.4	10.3	13.0	15.4	16.1	6.2	.0	.0	.0
		15th	.0	1.7	5.6	8.8	11.7	14.2	15.9	12.7	.0	.0	.0	.0
MUD RIDGE	3800	1st	.0	.0	3.6	11.6	19.7	25.0	29.8	20.6	.0	.0	.0	.0
		15th	.0	.0	7.4	15.8	22.4	27.4	30.7	8.0	.0	.0	.0	.0
NEW CRESCENT LAKE	4800	1st	.0	.0	1.4	4.8	7.7	9.7	11.1	4.0	.0	.0	.0	.0
		15th	.0	.0	3.0	6.3	8.8	10.5	10.5	.0	.0	.0	.0	.0
NORTH FORK	3120	1st	.0	.0	.0	7.9	13.7	17.6	20.2	10.7	.0	.0	.0	.0
		15th	.0	.0	4.2	11.1	16.0	19.0	19.8	.0	.0	.0	.0	.0
OCHOCO MEADOWS	5200	1st	.0	.0	1.4	4.5	7.1	8.8	9.2	5.6	.0	.0	.0	.0
		15th	.0	.0	2.8	5.9	8.1	9.1	9.3	.0	.0	.0	.0	.0
PEAVINE RIDGE	3500	1st	.0	.0	2.0	6.4	10.7	13.9	16.5	12.5	.0	.0	.0	.0
		15th	.0	.0	4.1	8.4	12.4	15.2	17.2	.0	.0	.0	.0	.0
QUARTZ MOUNTAIN	5700	1st	.0	.0	1.2	4.0	6.9	8.3	8.9	2.2	.0	.0	.0	.0
		15th	.0	.0	2.5	5.5	7.7	8.7	8.2	.0	.0	.0	.0	.0

SNOTEL SWE Averages: 1961 - 1985 (inches)

SNOTEL SITENAME	ELEV (ft)	DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
RAILROAD OVERPASS	2750	1st	.0	.0	.0	.4	.6	.0	.0	.0	.0	.0	.0	.0
		15th	.0	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0
RED HILL	4400	1st	.0	.0	3.4	17.0	30.1	39.4	48.6	39.4	.0	.0	.0	.0
		15th	.0	.0	9.7	23.3	35.0	44.2	49.6	20.4	.0	.0	.0	.0
ROARING RIVER	4900	1st	.0	.0	7.0	14.2	21.8	26.5	31.6	25.9	.0	.0	.0	.0
		15th	.0	3.5	10.4	18.0	24.3	29.4	31.9	13.3	.0	.0	.0	.0
ROCK SPRINGS	5100	1st	.0	.0	.0	2.4	4.2	5.1	5.0	.2	.0	.0	.0	.0
		15th	.0	.0	1.3	3.4	4.8	5.1	3.6	.0	.0	.0	.0	.0
SADDLE MOUNTAIN	3250	1st	.0	.0	.0	3.0	5.2	6.7	7.8	.0	.0	.0	.0	.0
		15th	.0	.0	1.5	4.2	6.0	7.3	7.5	.0	.0	.0	.0	.0
SALT CREEK FALLS	4000	1st	.0	.0	3.1	9.5	15.9	19.9	23.7	16.6	.0	.0	.0	.0
		15th	.0	.0	6.2	12.8	18.0	21.8	23.9	5.0	.0	.0	.0	.0
SANTIAM JCT.	3750	1st	.0	.0	2.6	8.5	14.3	17.7	21.3	14.3	.0	.0	.0	.0
		15th	.0	.0	5.5	11.5	16.2	19.6	20.2	.0	.0	.0	.0	.0
SCHNEIDER MEADOWS	5400	1st	.0	.0	5.1	12.9	20.0	25.7	29.9	26.6	.0	.0	.0	.0
		15th	.0	.9	8.7	16.4	23.0	28.1	29.3	9.6	.0	.0	.0	.0
SEINE CREEK	2000	1st	.0	.0	.0	1.0	2.0	2.3	1.7	.0	.0	.0	.0	.0
		15th	.0	.0	.0	1.6	2.2	2.2	.0	.0	.0	.0	.0	.0
SEVENMILE MARSH	6200	1st	.0	.0	3.8	12.2	18.9	24.2	29.1	20.7	.0	.0	.0	.0
		15th	.0	.0	7.9	15.7	21.8	26.8	28.5	7.0	.0	.0	.0	.0
SILVER CREEK	5720	1st	.0	.0	2.1	6.6	9.2	10.9	11.8	3.8	.0	.0	.0	.0
		15th	.0	.0	4.4	8.0	10.1	11.4	11.2	.0	.0	.0	.0	.0
SILVIES	6900	1st	.0	.0	1.6	5.5	9.4	13.0	16.2	13.0	.0	.0	.0	.0
		15th	.0	.0	3.4	7.5	11.2	14.9	16.5	.0	.0	.0	.0	.0
SNOW MOUNTAIN	6220	1st	.0	.0	1.9	6.6	10.7	13.0	14.4	13.0	.0	.0	.0	.0
		15th	.0	.0	4.2	8.8	12.0	13.8	14.7	.0	.0	.0	.0	.0
STARR RIDGE	5300	1st	.0	.0	1.0	3.1	5.1	5.9	5.4	.6	.0	.0	.0	.0
		15th	.0	.0	1.9	4.1	5.7	5.8	3.0	.0	.0	.0	.0	.0
STRAWBERRY	5760	1st	.0	.0	.9	2.9	4.6	5.7	6.4	1.9	.0	.0	.0	.0
		15th	.0	.0	1.9	3.8	5.2	6.1	6.1	.0	.0	.0	.0	.0
SUMMER RIM	7100	1st	.0	.0	2.6	8.4	13.1	16.5	20.1	16.5	.0	.0	.0	.0
		15th	.0	.0	5.4	10.9	14.7	18.3	20.9	5.0	.0	.0	.0	.0

SNOTEL SWE Averages: 1961 - 1985 (inches)

SNOTEL SITENAME	ELEV (ft)	DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
SUMMIT LAKE	5600	1st	.0	.0	8.7	17.4	26.2	32.2	37.9	38.6	19.3	.0	.0	.0
		15th	.0	4.2	12.9	22.0	29.6	35.2	38.6	29.9	9.5	.0	.0	.0
TAYLOR BUTTE	5100	1st	.0	.0	.9	2.8	4.7	4.9	3.1	.0	.0	.0	.0	.0
		15th	.0	.0	1.8	3.8	4.8	4.7	.0	.0	.0	.0	.0	.0
TAYLOR GREEN	5740	1st	.0	.0	3.5	10.9	17.5	22.3	26.6	23.9	.0	.0	.0	.0
		15th	.0	.0	6.9	14.1	20.0	24.5	27.4	9.3	.0	.0	.0	.0
THREE CREEKS MEADOW	5650	1st	.0	.0	2.7	8.8	14.8	18.4	20.9	16.1	.0	.0	.0	.0
		15th	.0	.0	5.6	11.7	16.9	19.8	21.3	5.0	.0	.0	.0	.0
TIPTON	5150	1st	.0	.0	1.5	5.9	9.5	11.8	12.5	5.6	.0	.0	.0	.0
		15th	.0	.0	3.5	7.9	10.8	12.4	11.0	.0	.0	.0	.0	.0
WOLF CREEK	5700	1st	.0	.0	2.4	7.6	12.6	16.0	18.6	13.8	.0	.0	.0	.0
		15th	.0	.0	5.0	10.2	14.5	17.5	19.0	2.6	.0	.0	.0	.0

Monthly Precipitation Averages: 1961 - 1985 (inches)

SNOTEL SITENAME	ELEV (ft)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	TOTAL
ANEROID LAKE #2	7300	3.8	6.5	7.5	5.9	5.4	5.4	4.9	4.9	3.8	1.6	1.6	2.6	53.9
ARBUCKLE MTN	5400	2.5	5.1	6.3	5.1	5.1	5.1	3.3	3.4	2.5	1.3	.8	1.6	42.1
BEAVER RESERVOIR	5150	2.2	3.9	4.5	3.9	3.2	3.2	2.2	2.2	2.2	1.3	1.6	1.6	32.0
BIG RED MOUNTAIN	6250	4.1	10.0	11.2	9.4	6.5	6.5	4.1	2.2	1.8	.6	.6	1.7	58.7
BIGELOW CAMP	5120	5.7	12.1	13.6	11.4	7.9	7.9	5.0	2.1	2.1	.7	.7	2.1	71.3
BILLIE CREEK DIVIDE	5300	4.3	9.2	9.2	7.6	6.0	6.0	3.8	2.7	2.2	.5	1.1	1.5	54.1
BLAZED ALDER	3650	10.1	17.6	21.4	18.9	13.9	12.6	8.8	7.6	5.0	1.3	2.5	6.3	126.0
BLUE MOUNTAIN SPRING	5900	2.7	5.0	6.1	5.0	4.2	4.2	2.3	2.7	2.7	.8	1.2	1.5	38.4
BOURNE	5800	1.8	3.9	6.0	4.6	3.9	3.8	2.5	2.8	2.5	1.1	1.1	1.3	35.3
BOWMAN SPRINGS	4580	2.0	3.1	4.6	3.4	2.9	2.9	2.0	2.0	2.0	.9	1.1	1.7	28.6
CASCADE SUMMIT	4880	4.8	10.3	12.3	11.0	7.6	7.6	4.8	3.4	2.7	1.4	.7	2.0	68.6
CHEMULT ALTERNATE	4760	1.8	4.8	5.4	4.8	3.6	3.0	1.8	1.2	1.2	.6	.6	1.3	30.1
CLACKAMAS LAKE	3400	3.6	7.7	9.2	8.2	6.2	5.1	3.1	2.6	2.0	.5	1.0	2.0	51.2
CLEAR LAKE	3500	3.4	7.2	8.6	7.7	5.7	4.3	3.4	2.4	1.9	.5	.9	1.9	47.9
COLD SPRINGS CAMP	6100	4.1	9.4	10.0	9.4	6.5	7.1	4.1	2.4	1.8	.6	1.2	2.3	58.9
COUNTY LINE	4800	2.0	2.2	3.9	3.1	2.8	2.8	2.2	2.5	2.2	1.1	1.4	1.7	27.9
DALY LAKE	3600	7.1	14.1	15.9	12.4	10.6	9.7	5.3	4.4	3.5	.9	1.8	2.6	88.3
DERR.	5670	1.8	3.9	4.5	3.9	3.3	3.3	2.4	2.4	1.8	.9	.6	1.2	30.0
DIAMOND LAKE	5315	3.7	7.9	8.4	6.5	5.1	5.1	3.3	1.8	1.8	.5	.9	1.4	46.4
EILERTSON MEADOWS	5400	1.5	4.0	4.6	3.6	3.7	3.2	1.8	1.8	2.2	1.2	1.2	1.6	30.4
EMIGRANT SPRINGS	3925	3.0	4.0	5.5	4.8	4.4	4.4	2.6	2.2	1.8	1.1	1.1	1.9	36.8
FISH CREEK	7900	2.6	5.7	5.7	5.2	5.7	6.1	3.9	3.9	1.7	.4	.9	1.7	43.5
FISH LK.	4665	3.9	7.9	8.9	6.9	5.4	5.4	3.4	2.5	2.0	.5	1.0	1.4	49.2
FOURMILE LAKE	6000	3.8	8.8	9.3	8.8	6.0	6.6	3.8	2.8	1.6	.6	1.1	1.6	54.8
GOLD CENTER	5340	1.5	3.2	4.7	3.2	3.2	3.2	2.0	2.3	2.3	1.0	1.2	1.5	29.3
GREENPOINT	3200	5.7	12.9	15.3	13.7	9.7	7.3	4.9	3.2	2.4	.8	1.6	3.2	80.7
HIGH RIDGE	4980	3.9	5.9	8.2	6.2	5.7	6.2	4.1	3.6	3.1	1.0	1.5	2.1	51.5
HOGG PASS	4760	6.3	13.4	15.2	13.4	10.7	9.8	6.3	3.6	3.6	.9	1.8	4.4	89.4
HOLLAND MEADOWS	4900	6.2	12.5	13.2	10.9	9.3	8.6	5.5	3.9	3.1	.8	1.6	2.3	77.9
HYATT PRAIRIE	4900	2.7	5.8	6.1	5.1	3.7	3.7	2.4	1.4	1.0	.3	.7	1.0	33.9
IRISH TAYLOR	5500	5.5	10.4	11.7	11.0	7.6	7.6	4.8	2.8	2.8	1.4	1.4	2.1	69.1
JUMP OFF JOE	3500	6.1	13.0	14.8	12.2	10.4	8.7	6.1	5.2	4.4	.9	1.7	3.5	87.0
KING MOUNTAIN	4000	5.5	11.7	12.4	11.7	7.6	7.6	4.8	2.1	2.0	.7	.7	2.0	68.8
LAKE CREEK R.S.	5200	1.8	3.0	4.0	3.0	2.5	2.5	1.8	2.0	2.0	.9	.5	1.3	25.3
LITTLE MEADOWS	4000	8.7	17.5	18.5	15.3	13.1	12.0	7.6	5.5	4.4	1.1	2.2	3.2	109.1
LUCKY STRIKE	5050	2.7	4.1	5.1	3.8	3.4	3.4	2.7	2.7	2.1	1.0	1.4	1.7	34.1
MADISON BUTTE	5250	1.5	3.0	3.6	3.0	3.0	3.0	2.0	2.0	1.5	.8	.6	1.4	25.4
MARION FORKS	2600	6.6	13.3	15.0	11.6	10.0	9.1	5.0	4.2	3.3	.8	1.7	2.5	83.1
MCKENZIE	4800	7.0	14.9	16.9	14.9	11.9	10.9	7.0	5.0	4.0	1.0	2.0	3.9	99.4
MOSS SPRINGS	5850	3.4	4.9	6.4	5.9	5.4	5.4	4.4	4.4	3.9	1.0	1.5	2.4	49.0

Monthly Precipitation Averages: 1961 - 1985 (inches)

SNOTEL SITENAME	ELEV (ft)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	TOTAL
MT HOOD TEST SITE	5400	8.9	15.7	19.0	17.9	13.4	12.3	7.8	4.5	4.5	1.1	2.3	4.5	111.9
MT. HOWARD	7910	3.6	5.4	5.9	4.5	4.1	4.1	4.1	4.5	3.6	1.4	1.8	2.3	45.3
MUD RIDGE	3800	4.4	8.9	10.8	9.5	7.6	6.3	5.1	3.2	2.5	1.3	1.3	2.5	63.4
NEW CRESCENT LAKE	4800	2.3	6.1	6.9	6.1	4.6	3.9	2.3	1.5	1.5	.8	.8	1.6	38.4
NORTH FORK	3120	10.4	19.6	22.2	20.9	14.4	13.1	9.1	6.5	5.2	1.3	2.6	5.2	130.5
OCHOCO MEADOWS	5200	1.6	3.5	3.7	3.2	2.9	2.9	1.9	2.1	1.9	1.1	.8	1.1	26.7
PEAVINE RIDGE	3500	4.4	9.3	10.6	10.0	7.5	6.2	4.4	3.1	2.5	.6	1.2	2.5	62.3
QUARTZ MOUNTAIN	5700	1.9	3.3	3.8	2.9	2.4	2.4	1.7	1.7	1.7	.5	.7	.9	23.9
RAILROAD OVERPASS	2750	4.8	9.6	10.2	8.4	6.6	6.6	4.2	3.0	2.4	.6	1.2	2.4	60.0
RED HILL	4400	7.8	16.7	20.0	17.8	13.4	11.1	7.8	4.4	4.4	1.1	2.2	4.4	111.1
ROARING RIVER	4900	5.9	11.1	12.7	10.3	8.9	8.1	5.2	3.7	3.0	.7	1.4	2.9	73.9
ROCK SPRINGS	5100	1.3	2.3	3.0	2.3	1.9	1.9	1.3	1.5	1.5	.6	.4	.8	18.8
SADDLE MOUNTAIN	3250	7.7	15.4	17.3	13.5	11.6	10.6	5.8	3.9	3.9	1.0	1.8	3.8	96.3
SALT CREEK FALLS	4000	6.5	13.0	13.8	11.4	9.0	9.0	5.7	4.1	3.3	.8	1.6	3.2	81.4
SANTIAM JCT.	3750	6.1	11.5	13.0	10.7	9.9	8.4	5.3	3.8	3.1	.8	1.5	2.3	76.4
SCHNEIDER MEADOWS	5400	2.3	6.0	7.9	6.1	6.0	6.0	2.3	2.8	3.3	1.4	.9	1.5	46.5
SEINE CREEK	2000	6.1	12.2	13.8	10.7	10.0	8.4	4.6	3.1	3.1	.8	1.5	2.3	76.6
SEVENMILE MARSH	6200	4.5	10.2	10.9	10.2	7.0	7.7	4.5	3.2	1.9	.6	1.3	2.0	64.0
SILVER CREEK	5720	1.9	4.3	4.2	3.9	3.5	3.5	1.4	1.1	1.1	.5	.5	1.2	27.1
SILVIES	6900	1.7	3.4	5.1	4.7	4.4	4.7	3.1	3.1	1.4	.3	.7	1.4	34.0
SNOW MOUNTAIN	6220	2.0	3.8	4.4	3.5	3.2	3.2	2.0	2.3	2.3	.7	.6	1.2	29.2
STARR RIDGE	5300	1.5	2.5	3.4	2.5	2.1	2.1	1.5	1.6	1.8	.6	.4	1.1	21.1
STRAWBERRY	5760	1.8	3.2	3.6	2.7	2.3	2.3	1.6	1.6	1.6	.4	.6	.9	22.6
SUMMER RIM	7100	2.6	4.5	5.2	4.2	4.2	4.2	2.6	1.3	1.3	.3	1.0	1.0	32.4
SUMMIT LAKE	5600	5.3	11.2	12.8	12.0	8.3	8.3	5.3	3.0	3.0	1.5	1.5	3.0	75.2
TAYLOR BUTTE	5100	2.0	3.7	4.0	3.0	3.0	2.7	1.5	1.2	1.2	.5	1.0	.9	24.7
TAYLOR GREEN	5740	2.0	4.5	6.9	5.7	5.3	5.3	2.4	2.4	1.6	1.2	.8	2.5	40.6
THREE CREEKS MEADOW	5650	2.4	6.5	7.3	6.5	4.9	4.1	2.5	2.0	2.0	.4	.8	1.3	40.7
TIPTON	5150	1.4	3.3	5.3	3.3	3.1	3.1	1.7	1.9	1.9	.8	.8	1.2	27.8
WOLF CREEK	5700	1.6	4.0	5.3	4.6	3.6	3.6	2.3	2.3	2.3	1.0	1.0	1.4	33.0

Glossary:

a (Accumulated)	Data value summed over several previous measurement periods.
AM (Aerial Marker)	A vertical member with equally spaced crossarms. The depth of snow at these remote sites is determined by observation from low-flying aircraft. Water content is calculated using measurements from nearby snow courses.
Average	The mean values of snow water equivalent and monthly/yearly precipitation based on the 25 year period 1961-1985. Sites with less than 25 years of record have averages computed by correlation with long term record sites.
Basin	The major drainage area in which a snow course is located.
Data	Refers to snow water equivalent or precipitation amounts.
Disc.	(Discontinued) Manual measurement discontinued. Estimates to be provided for minimum of 5 years following discontinuance for correlation purposes.
e, est	(Estimate) Data value developed from adjacent snow course or SNOTEL site in lieu of an actual physical measurement.
Elevation	The vertical reference of a site location above mean sea level, measured in feet.
Meltout Date	Date permanent seasonal snowpack was completely melted.
Months	Month names that head data columns in this report indicate: 1. Snow depth and snow water equivalent measurements that are usually taken near the end or middle of the month, and reported as first of month or fifteenth of month readings. This explains why, for example, a February 27 and a March 15 reading are shown under the March column. 2. Precipitation increment or catch measured during the month indicated.
Precipitation	The liquid equivalent (inches) of rainfall, snow, sleet, or hail, collected by precipitation storage gauges.
SNOTEL	Abbreviation for SNOw TELemetry; a west-wide system for obtaining snow water equivalent, precipitation, air temperature, and other hydrologic measurements from remote data sites via radio transmission.
Snow Course	A permanently marked data site where manual snow measurements are collected.
Site Number	An indexing/locating number based on alpha and numeric grid divisions. Refer to the Data Site Maps included with this report.
Snow Depth	An average of the vertical measurements in inches of snowpack at a data site.
Start Date	Date permanent seasonal snowpack first began.
SWE	(Snow Water Equivalent) The amount of water in the snowpack expressed in inches.
WY	(Water Year) The twelve month period beginning October 1st in one year and September 30th of the following year. The water year is the calendar year in which it ends.

The Following Organizations Cooperate With The Soil Conservation Service In Snow Survey Work

State

Oregon Department of Water Resources
Oregon State University
Soil and Water Conservation Districts of Oregon

Federal

U.S. Department of Agriculture
- Extension Service
- Forest Service

U.S. Department of Army
- Corps of Engineers

U.S. Department of Commerce
- NOAA, National Weather Service

U.S. Department of Energy
- Bonneville Power Administration

U.S. Department of the Interior
- Bureau of Land Management
- Bureau of Reclamation
- Fish and Wildlife Service
- Geological Survey

Local

Arnold Irrigation District
Associated Ditch Companies
Burnt River Irrigation District
Central Oregon Irrigation District
City of Baker
City of La Grande
City of Portland
City of The Dalles
City of Walla Walla
Douglas County Water Resources Survey
East Fork Irrigation District
Grants Pass Irrigation District
Hood River Irrigation District
Jordan Valley Irrigation District
Juniper Flat Irrigation District
Lakeview Water Users, Incorporated
Medford Irrigation District
Middle Fork Irrigation District
North Board of Control - Owyhee Project
Ochoco Irrigation District
Rogue River Valley Irrigation District
South Board of Control - Owyhee Project
Squaw Creek Irrigation District
Talent Irrigation District
Tumalo Project
Vale - Oregon Irrigation District
Warmsprings Irrigation District

Private

Pacific Power and Light Company
Portland General Electric Company
The Crag Rats, Hood River, Oregon

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